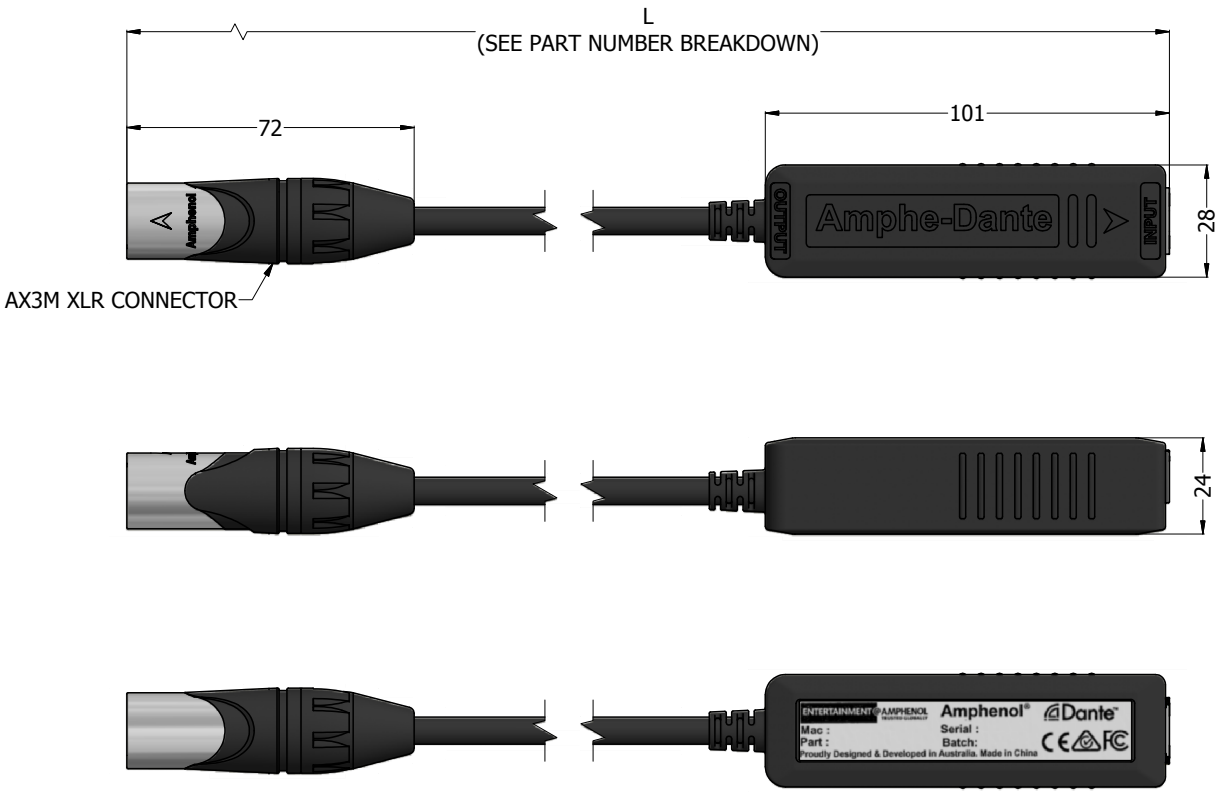
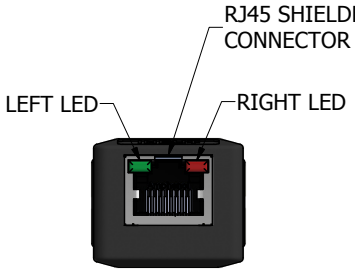


SPECIFICATIONS		
ELECTRICAL	Power Consumption	< 2 Watt
	Power Over Ethernet (Required)	Class 1 IEEE 802.3af POE PD Compliant
ANALOG AUDIO	Max Signal Level (Balanced)	+18dBu / +4dBu / 0dBu 0dBV / -10dBV
	Impedance	150 Ohm balanced 75 Ohm unbalanced
	Frequency Response	20Hz to 20kHz (±0.5dB)
	Dynamic Range	>100dB
	Signal to Noise Ratio	>100dB
	Total Harmonic Distortion	<0.01% @ +4dBu
DANTE® AUDIO	Sample Rate	44.1 kHz, 48 kHz (default), 96 kHz
	Bit Depth	24 bits
	Network Speed	100 Mbps
	Network Interface	Latency from 1ms
	Network Transport	Dante Audio over IP, AES67 RTP
CLIMATIC	Protection Class	IP40
	Operating Temperature	-5°C to +60°C (23°F to +140°F)
MECHANICAL	Insertion and Withdrawal Force	≥10N - ≤30N
	Weight	136g (0.299lb)
MATERIALS	Housing	Overmolded PVC 60P Black



LED STATUS			
FUNCTION	LEFT LED	RIGHT LED	COMMENT
Off	Off	Off	No Power
Device is booting	Solid GREEN	Solid RED	
Slave with sync	Blinking GREEN	Solid GREEN	Normal Operation
Clock Master	Blinking GREEN	Blinking GREEN	Normal Operation
Any runtime error	Blinking GREEN	Blinking RED	Normal Operation
Identify	Alternating RED and GREEN	Alternating RED and GREEN	Blinking for 6 seconds (cycle every 0.5 seconds)
Failsafe (bootloader)	Blinking RED	Blinking RED	Failsafe, Corrupt Capability (red in DC)
Upgrade	Blinking ORANGE	Blinking ORANGE	Device is upgrading

RJD1112-0050

SERIES PREFIX
ADAPTER TYPE
RJ45 INPUT - XLR OUTPUT, 1 CHANNEL
LENGTH IN cm
(STANDARD LENGTH = 50cm)

Amphenol Australia RoHS Compliant 2011/65/EU

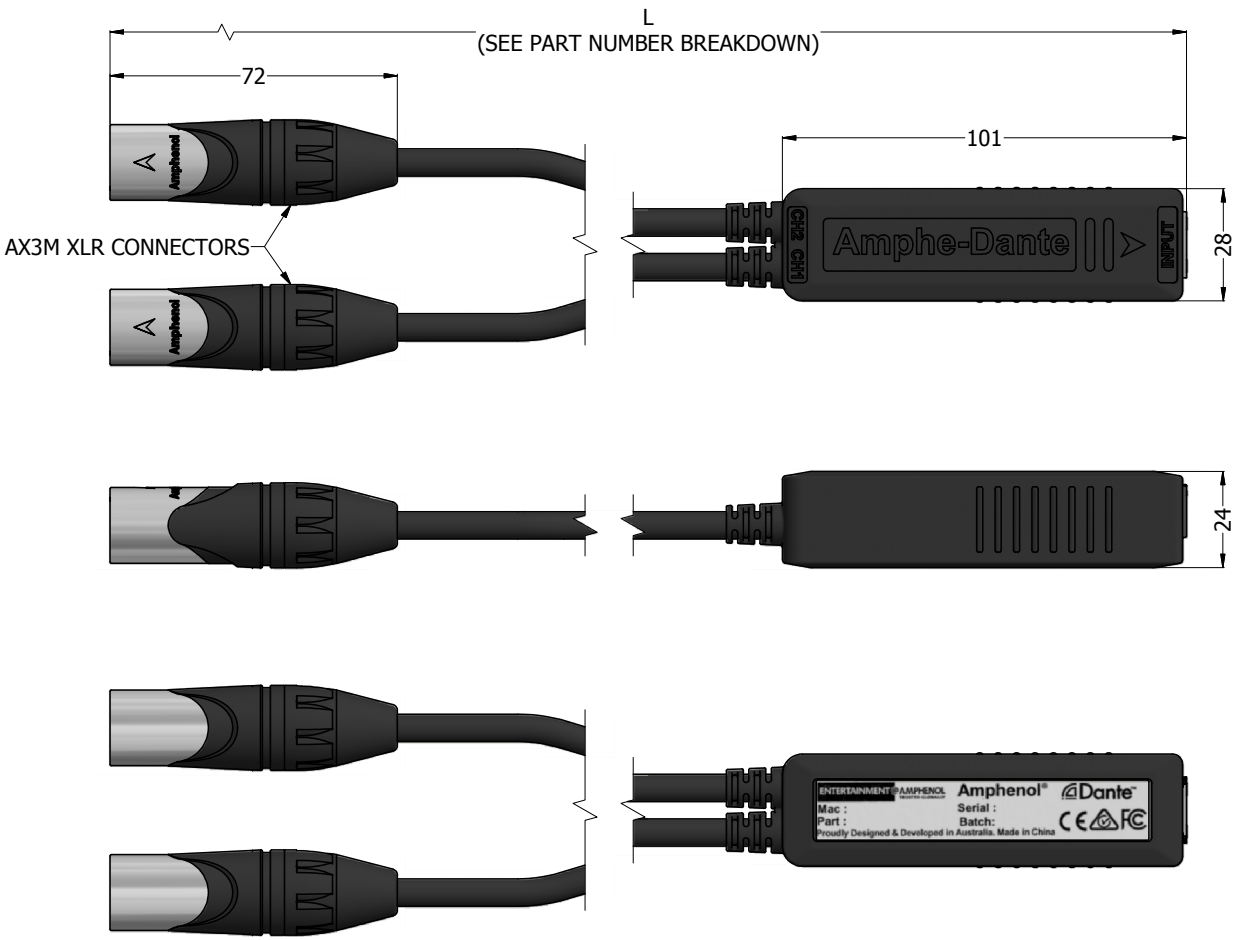
UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE
LINEAR: X ±0.5, X.X ±0.1, X.XX ±0.05
ANGULAR: X' ±1, X'X' ±30', X'X'X.'' ±15'
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS
DO NOT SCALE
DIMENSIONS IN MILIMETRES
THIRD ANGLE PROJECTION

THIS DOCUMENT IS THE PROPERTY OF AMPHENOL AUSTRALIA PTY. LTD. NO PART THEREOF MAY BE REPRODUCED AND USED WITHOUT THE PRIOR WRITTEN CONSENT OF THE OWNER

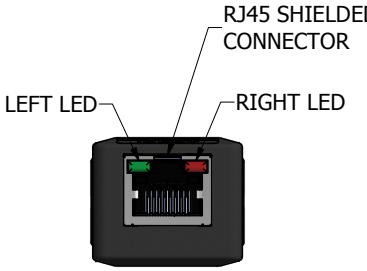
MATERIAL: SEE PARTS LIST
FINISH: N/A
DRN: T.N. DATE:24/05/2016
CKD: P.M. DATE:24/05/2016
APP'D: P.M. DATE:15/05/2018
SCALE: NTS SIZE: A3

Amphenol
Amphenol Australia Pty.Ltd,
22 Industry Blvd Carrum Downs, VIC 3201

TITLE: AMPHE-DANTE ADAPTER, SINGLE CHANNEL, OUTPUT
PART No: RJD1112-XXXX
REV: 4
DRAWING No. 55011176-000-1
SHEET: 2/2



SPECIFICATIONS		
ELECTRICAL	Power Consumption	< 2 Watt
	Power Over Ethernet (Required)	Class 1 IEEE 802.3af POE PD Compliant
ANALOG AUDIO	Max Signal Level (Balanced)	+18dBu / +4dBu / 0dBu 0dBV / -10dBV
	Impedance	150 Ohm balanced 75 Ohm unbalanced
	Frequency Response	20Hz to 20kHz (±0.5dB)
	Dynamic Range	>100dB
	Signal to Noise Ratio	>100dB
	Total Harmonic Distortion	<0.01% @ +4dBu
	Channel Separation	>100dB
	Channel Matching	<0.25dB
DANTE® AUDIO	Sample Rate	44.1 kHz, 48 kHz (default), 96 kHz
	Bit Depth	24 bits
	Network Speed	100 Mbps
	Network Interface	Latency from 1ms
	Network Transport	Dante Audio over IP, AES67 RTP
CLIMATIC	Protection Class	IP40
	Operating Temperature	-5°C to +60°C (23°F to +140°F)
MECHANICAL	Insertion and Withdrawal Force	≥10N - ≤30N
	Weight	192g (0.423lb)
MATERIALS	Housing	Overmolded PVC 60P Black



LED STATUS			
FUNCTION	LEFT LED	RIGHT LED	COMMENT
Off	Off	Off	No Power
Device is booting	Solid GREEN	Solid RED	
Slave with sync	Blinking GREEN	Solid GREEN	Normal Operation
Clock Master	Blinking GREEN	Blinking GREEN	Normal Operation
Any runtime error	Blinking GREEN	Blinking RED	Normal Operation
Identify	Alternating RED and GREEN	Alternating RED and GREEN	Blinking for 6 seconds (cycle every 0.5 seconds)
Failsafe (bootloader)	Blinking RED	Blinking RED	Failsafe, Corrupt Capability (red in DC)
Upgrade	Blinking ORANGE	Blinking ORANGE	Device is upgrading

RJD1212-0050

SERIES PREFIX
ADAPTER TYPE
RJ45 INPUT - XLR OUTPUT, 2 CHANNELS
LENGTH IN cm
(STANDARD LENGTH = 50cm)

Amphenol Australia RoHS Compliant 2011/65/EU

UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE
LINEAR: X ±0.5, X.X ±0.1, X.XX ±0.05
ANGULAR: X' ±1, X'X' ±30', X'X'X" ±15'
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS
DO NOT SCALE
DIMENSIONS IN MILIMETRES
THIRD ANGLE PROJECTION

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NO PART THEREOF MAY BE REPRODUCED AND USED
WITHOUT THE PRIOR WRITTEN CONSENT OF THE OWNER

MATERIAL: SEE PARTS LIST
FINISH: N/A
SCALE: NTS
SIZE: A3

DRN:	T.N.	DATE:24/05/2016
CKD:	P.M.	DATE:24/05/2016
APP'D:	P.M.	DATE:15/05/2018

Amphenol
Amphenol Australia Pty.Ltd,
22 Industry Blvd Carrum Downs, VIC 3201

TITLE: AMPHE-DANTE ADAPTER, DOUBLE CHANNEL, OUTPUT

PART No: RJD1212-XXXX
REV: 5
DRAWING No. 55011177-000-1
SHEET: 2/2